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PATENT  
11ME-491

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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JAN 17 2003

TECHNOLOGY CENTER 2800

Applicant: Ouellette et al.

: Art Unit: 2857

Serial No.: 09/682,144

: Examiner: Kim, Paul L.

Filed: July 26, 2001

For: METHODS AND APPARATUS  
FOR SECURE PROGRAMMING  
OF AN ELECTRICITY METER

**Commissioner for Patents**  
**Washington, D.C. 20231**

**AMENDMENT TRANSMITTAL**

1. Transmitted herewith is an amendment for this application.

**STATUS**

2. Applicant is

- a small entity. A verified statement:  
is attached.
- was already filed.
- other than a small entity.

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**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

FACSIMILE

deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

transmitted by facsimile to the Patent and Trademark Office

Date: \_\_\_\_\_

Bruce T. Atkins, Reg. No. 43,476

**EXTENSION OF TERM**

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

(a)  Applicant petitions for an extension of time under 37 C.F.R. 1.136

(Fees: 37 C.F.R. 1.17(a)(1-5) for the total number of months checked below:)

Extension (months)	Fee for other than <u>small entity</u>	Fee for <u>small entity</u>
<input checked="" type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 400.00	\$ 195.00
<input type="checkbox"/> three months	\$ 890.00	\$ 445.00
<input type="checkbox"/> four months	\$ 1,390.00	\$ 695.00

Fee: \$ 110.00

If an additional extension of time is required, please consider this a petition therefor.

*(Check and complete the next item, if applicable)*

An extension of \_\_\_\_\_ months has already been secured. The fee paid therefor of \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \_\_\_\_\_.

OR

(b)  Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

PATENT  
11ME-491**FEE FOR CLAIMS**

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)	SMALL ENTITY	OTHER THAN A SMALL ENTITY		
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	ADDIT. RATE FEE	OR	ADDIT. RATE	FEE
TOTAL	MINUS	*	=	x \$9 = \$		x \$18 = \$
INDEP.	MINUS	**	=	x \$40 = \$		x \$80 = \$
<u>  </u> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			+ \$135 = \$		+ \$270 = \$	
			TOTAL ADDIT. FEE      \$	OR	TOTAL ADDIT. FEE      \$	

(c)  No additional fee for Claims is required.

**OR**

(d)    Total additional fee for claims required \$

**FEE PAYMENT**

5.    Attached is a check in the sum of \$\_\_\_\_\_.

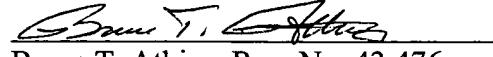
Charge Deposit Account No. 01-2384 the sum of \$110.00.  
A duplicate of this transmittal is attached.

**FEE DEFICIENCY**

6.  If any additional extension and/or fee is required, charge Deposit Account No. 01-2384.

**AND/OR**

If any additional fee for claims is required, charge Deposit Account No. 01-2384.

  
 Bruce T. Atkins, Reg. No. 43,476  
 ARMSTRONG TEASDALE LLP  
 One Metropolitan Square, Suite 2600  
 St. Louis, MO 63102  
 314/621-5070



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OF AN ELECTRICITY METER

CERTIFICATE OF MAILING BY EXPRESS MAIL TO  
THE COMMISSIONER OF PATENTS AND TRADEMARKS

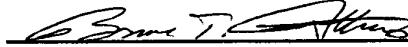
Express Mail mailing label number: EV263873708US

Date of Mailing: January 15, 2003

I certify that the documents listed below:

- Amendment After Final Office Action (14 pgs.), in response to Office Action dated October 4, 2002 and made final
- Submission of Marked Up Paragraphs and Claims (4 pgs.)
- Amendment Transmittal Cover Form (3 pgs.)(in duplicate)
- Return post card

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to the Commissioner for Patents, BOX AF, Washington, D.C. 20231.

  
Bruce T. Atkins, Reg. No. 43,476  
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D. Bell

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 Serial No.: 09/682,144 :  
 Filed: July 26, 2001 :  
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**AMENDMENT AFTER FINAL OFFICE ACTION**

Hon. Assistant Commissioner for Patents  
 Washington, D.C. 20231

In response to the Office Action dated October 4, 2002 and made final, Applicants hereby submit the following amendment in an attempt to place the application in condition for allowance.

**IN THE SPECIFICATION**

Please replace paragraph [0014] with the following paragraph:

[0014] In one embodiment, program history log 14 comprises entries or records 16 of an identifiable type. In another embodiment, program history log comprises a more general event or security program history log 18 (shown in Figure 2), which includes records 16 of an identifiable type and other general event records 20. In yet another embodiment, program history log 14 is contained in a separate memory element 22 within meter 10. In each of these embodiments, parameters of meter 10, including but not limited to, for example, selections of quantities for load profiles, real-time pricing schedules, and time of use metering mode parameters are programmed into meter 10. Programming of meter parameters is performed, for example, via an optical communications port 24, a telephone modem 26, an RS-232 port 28, or